

AMENDMENTS TO THE SPECIFICATION

Amend the specification as follows.

[0032] FIG. 7 illustrates another embodiment of the present invention. Database 700 is populated with a plurality of data records 701-704. Each of data records 701-704 include a location identifier field ~~701~~ 710, a carrier identifier field 720, a carrier strength indicator field 730, and a carrier transmitter identifier ~~704~~ 740. Data record 701 shows data determined and stored in accordance with an embodiment of the present invention. Data records 701-704 show data determined at a location L1 for four instances of a carrier signal F1. Data records 701-704 show that two different carrier signals F1 were measured and identified at location L1: a carrier signal F1 having a DVCC of 1 and a carrier signal F1 having a DVCC of 8. In data records 701 and 703, carrier signal F1 having a DVCC of 1 had strengths of -108 dBm and -106 dBm respectively. In data records 702 and 704, carrier signal F1 having a DVCC of 8 had strengths of -84 dBm and -80 dBm respectively. Each of carrier signal F1 having a DVCC of 1 and carrier signal F1 having a DVCC of 8 can be measured and identified because different cells will utilize different carriers during different periods due to call handling characteristics. For example, carrier signal F1 having a DVCC of 1 (hereinafter "carrier F1-CC1") can be measured as a first call is carried by a first cell over carrier F1-CC1, while an adjoining second cell is not transmitting carrier F1-CC8. Subsequently, the first call is terminated and the first cell stops transmitting carrier F1-CC8 (e.g., the first cell has no call that needs to be carried over carrier F1-CC8). Then, carrier signal F1-CC8 can be measured when a second call is carried by the second cell over carrier F1-CC8, while the first cell is not transmitting carrier F1-CC1.